

Notice of Allowability

Application No.

10/677,477

Applicant(s)

YAMAMOTO ET AL.

Examiner

Art Unit

Bryan Fischmann

3618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to filing of 10-03-2003.
2. ☒ The allowed claim(s) is/are 1-8.
3. ☒ The drawings filed on 03 October 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☒ Certified copies of the priority documents have been received in Application No. 09/973,807.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 01-13-04
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Examiner's Amendment

1. An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Charles Marmelstein on, or about 7-07-05.

2. The application has been amended as follows:

A. IN THE SPECIFICATION

1) On page 1 above the title "FIELD OF THE INVENTION" on line 4, the following has been added:

--CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a Continuation-In-Part of US Patent Application 09/973,807, abandoned.--

2) On line 13 of page 11, the comma [,] that appears at the beginning of the line has been deleted.

B. IN THE CLAIMS

1) Claim 2 has been amended as follows:

a) On line 4, a "open parenthesis --" has been added before the term "EF".

2) Claim 4 has been amended as follows:

a) On line 8, a "open parenthesis --" has been added before the term "GF".

Reasons for Allowance

3. The following is an Examiner's statement of reasons for allowance of independent claims 1, 6 and 8:


Claim 1 recites the limitation of a control device for a front and rear wheel drive vehicle having a front wheel pair and a rear wheel pair, one of which is driven with an engine and the other one of which is driven with an electric motor, comprising; target drive-power setting means which sets a target drive-power of said front and rear wheel drive vehicle, wherein the control device controls an engine drive-power and a motor drive-power on the basis of a distribution ratio, which is set in consideration of the target drive-power, vehicle speed, and a ratio between a change in an amount of fuel consumption and a change in an amount of electric power consumption during an operation of the electric motor. This limitation, in combination with the other limitations of claim 1, were not found in the prior art.

Claims 6 and 8 contain similar limitations.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bryan Fischmann whose telephone number is (571) 272-6694.

 7-8-5
BRYAN FISCHMANN
PRIMARY EXAMINER